## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp			
S1	1	"20040232409".did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 08:10			
S3	1	"20030039858".did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 14:26			
S4	425	(585/26,27).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 10:19			
S5	64	S4 and \$3fluoren\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 11:00			
S6	92935	("430").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 11:00			
S7	3991	S6 and \$3fluoren\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 11:01			
S8	598	S7 and fuji.as. and photo.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:15			
S10	13	(("5539507") or ("4720432") or ("4885221") or ("5130603") or ("5151629") or ("5247190") or ("5317160") or ("5382477") or ("5409783") or ("5514878") or ("5672678") or ("6093864") or ("6203933")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:19			
S11	2	("3250780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:21			
S12	1	"20020109764".did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:34			
S13	3	(("6387547") or ("6399223") or ("6652997")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:34			
S14	2	10/191,079	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 14:26			
S15	2	("2003/0039858").URPN.	USPAT	OR	ON	2007/06/08 15:27			
S16	1	("6830829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 15:41			

## **EAST Search History**

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S17	3142	(suzuki\$.in. or saito.in.) and canon. as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:42
S18	3311	(suzuki\$.in. or saito\$.in.) and canon. as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:44
S19	936	S18 and (\$8luminescen\$5 or light adj2 (emit\$4 or emiss\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:44
S20	441	(suzuki-k\$.in. or saito-a\$.in.) and canon.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:44
S21	151	S20 and (\$8luminescen\$5 or light adj2 (emit\$4 or emiss\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:44
S22	62410	((fused or condensed) near2 aromatic) or polycyclic or polynuclear	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 16:03
S23	1561	(428/690,917 or 313/504,506 or 257/40).ccls. and S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 16:18
S24	492	(428/690,917 or 313/504,506 or 257/40).ccls. and (((fused or condensed) near2 aromatic) or polycyclic or polynuclear).clm.	US-PGPUB; USPAT; USOCR	OR ·	ON	2007/06/08 16:05
S25	1069	S23 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 16:18
S26	654	S25 and \$4fluoren\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 16:22
S27	1	("6743948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/09 14:45
S28	1	("6777531").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/09 14:49
S29	1	("6746784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/09 14:49

10/522947

3.1

=> file reg

## FILE 'REGISTRY' ENTERED AT 12:11:26 ON 09 JUN 2007

chain nodes:

14 15 17 18 19 21 22 23

ring nodes: 1 2 3 4 5 6 7 8 9 10 11 12 13 chain bonds: 14-15 15-17 15-18 19-21 21-22 21-23 ring bonds: 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 exact/norm bonds: 5-7 6-9 8-9 14-15 15-17 15-18 19-21 21-22 21-23 normalized bonds: 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-10 8-13 10-11 11-12 12-13 Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS 22:Atom 23:Atom => s 11 sss ful L2 109 SEA SSS FUL L1 => file hcaplus FILE 'HCAPLUS' ENTERED AT 12:13:07 ON 09 JUN 2007 => s 12L3 79 L2 => s 13 and ((light (2a) (emit##### or emiss#####)) or ?luminescen?) 1106310 LIGHT 9167 LIGHTS 1109566 LIGHT (LIGHT OR LIGHTS) 236158 EMIT#### 574153 EMISS#####

79666 LIGHT (2A) (EMIT#### OR EMISS####)

64 L3 AND ((LIGHT (2A) (EMIT#### OR EMISS#####)) OR

309520 ?LUMINESCEN?

L4

?LUMINESCEN?)